



**Supplementary Figure – Distance profiles in protein-protein interaction networks**  
**a-c**, *Saccharomyces cerevisiae* (yeast): Yeast-DIP, Yeast-CORE, Yeast-Y2H; **d**, *Escherichia coli* (bacterium); **e-f**, *Caenorhabditis elegans* (nematode): Worm-Y2H, Worm-CORE; **g**, *Plasmodium falciparum* (malaria-causing parasite). Distances shown as average shortest path lengths  $L(k_1, k_2)$  between proteins of degrees  $k_1$  and  $k_2$ .